

FORM PTO-1390US DEPARTMENT OF COMMERCE  
REV. 5-93PATENT AND TRADEMARK OFFICE  
**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEYS DOCKET NUMBER  
09792909-6005

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)  
**10/511186**

INTERNATIONAL APPLICATION NO.  
PCT/JP03/04196

INTERNATIONAL FILING DATE  
April 2, 2003

PRIORITY DATE CLAIMED  
April 11, 2002

TITLE OF INVENTION **"FIELD ELECTRON EMISSION FILM, FIELD ELECTRON EMISSION ELECTRODE, AND FIELD ELECTRON EMISSION DISPLAY DEVICE"**

APPLICANT(S) FOR DO/EO/US **Hiroyuki Itou, Takao Yagi, Masakazu Muroyama and Makoto Inoue**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
  3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
  4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date and the U.S. has been elected.
  5. ☒ A copy of International Application (35 U.S.C. 371(c)(2))
    - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☒ has been transmitted by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
  6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
  7. ☒ Amendments to the claims of the International Application under PCT Article 34.
    - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)) (attached at back of English translation of application)
  9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unexecuted)
  10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)) - Forms 338 and 409.
- Items 11. to 16. below concern other document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report).
  12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
  13. ☒ A **FIRST** preliminary amendment.
  14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
  15. ☐ A substitute specification.
  16. ☐ A change of power of attorney and/or address letter.
  17. ☒ Other items or information:
    - a. ☒ Submission of Drawings (13 sheets of drawings - Figs. 1-13)
    - b. ☒ EXPRESS MAIL #EV43324443US
    - c. ☒ Forms 220, 301, 304 and 308
    - f. ☒ Form 2038

U.S. APPLICATION NO. (if known) See 37 C.F.R. § 1.15

107511186

INTERNATIONAL APPLICATION NO.  
PCT/JP03/04196ATTORNEY'S DOCKET NUMBER  
09792909-600517. ☒ The following fees are submitted:

## BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):

Neither international preliminary examination fee (37 CFR §1.482)  
Nor international search fee (37 CFR §1.445(a)(2)) paid to USPTO  
And International Search Report not prepared by the EPO or JPO \$1110.00

International preliminary examination fee (37 C.F.R. §1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO \$ 950.00

International Preliminary examination fee (37 CFR §1.482) not paid to USPTO  
But international search fee (37 CFR §1.445(a)(2)) paid to USPTO \$ 790.00

International preliminary examination fee (37 C.F.R. §1.482) paid to USPTO  
But all claims did not satisfy provisions of PCT Article 33(1)(4) \$ 750.00

International preliminary examination fee (37 CFR §1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)(4) \$ 100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS

PTO USE ONLY

\$ 950.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from  
the earliest claimed priority date (37 C.F.R. 1.492(e)).

\$

Claims

Number Filed

Number  
Extra

Rate

Total Claims

12

- 20 =

X \$ 18.00

\$

Independent Claims

5

- 3 =

1

X \$ 88.00

\$ 88.00

Multiple Dependent Claims

\$300.00 +

\$

TOTAL OF ABOVE CALCULATIONS =

\$ 1,038.00

☐ Applicant claims small entity status. See 37 CFR §1.27. The fees indicated above are reduced  
by 1/2.

\$

SUBTOTAL =

\$ 1,038.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months  
from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$ 1,038.00

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be  
accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +

\$

TOTAL FEES ENCLOSED =

\$ 1,038.00

Amount to be  
refunded

\$

charged

\$ 1,038.00

a. ☐ A check in the amount of \$ to cover the above fees is enclosed.b. ☒ Please charge attorney's firm American Express Account No. 378571697402000 in the amount of \$ 1,038.00 to cover the above fees. PTO Form 2038 is enclosed for that purpose.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3140. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be  
filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Sonnenschein, Nath & Rosenthal LLP  
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Wacker Drive Station - Sears Tower  
Chicago, Illinois 60606-1080  
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Telephone 312/876-8000

SIGNATURE

David R. Metzger

NAME

32,919

Registration Number

October 11, 2004

Date:

EXPRESS MAIL #EV433244443US

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

"Express Mail" Mailing Label Number: EV433244443US

10/511-86

Date of Deposit: October 11, 2004

DT03 Rec'd PCT/PTO 11 OCT 2004

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

National U.S. phase application based on PCT application No. PCT/JP03/04196 including the following:

Applicant(s): Hiroyuki Itou, Takao Yagi, Masakazu Muroyama  
and Makoto Inoue

Attorney Docket No. 09792909-6005

\$1,038.00 filing fee (12 claims - 4 independent) (charged to AMEX account)

Unexecuted Declaration

Preliminary Amendment

13 sheets of Drawings (Figs. 1-13)

Form 2038

Request and Forms 220, 301, 304 and 308

Information Disclosure Statement, PTO 1499 and references cited

Return postcard

  
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Signature of Person Mailing Application and Fees